

## ABSTRACT OF THE DISCLOSURE

5

### NUCLEIC ACIDS ENCODING DEFENSE INDUCIBLE PROTEINS AND USES THEREOF

The invention provides isolated AFP1 nucleic acids and their encoded proteins. The present invention provides methods and compositions relating to altering AFP1 concentration and/or composition of plants. The invention further provides recombinant expression cassettes, host cells, transgenic plants, and antibody compositions.

10

203222-52005001